

Form PTO 1449  U.S. Department of Commerce Patent and Trademark Office  Information Disclosure Statement by Applicant	ATTY. DOCKET NUMBER <b>HIRA.0117</b>  APPLICANT <b>SATO et al</b>  FILING DATE <b>July 21, 2003</b>	SERIAL NUMBER <b>10/622,651</b>  GROUP - <b>2823</b>
--	--	--


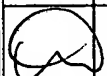

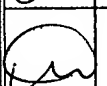



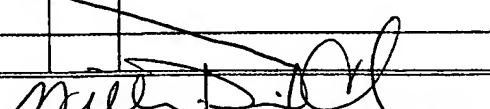
## U.S. Patent Documents

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

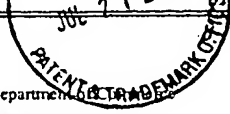
## Foreign Patent Documents

Examiner Initial	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						Yes	No

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)


	Yongchi Tian et al., "Coupled Composite CdS-CdSe and Core-Shell Types of (CdS)CdSe and (CdSe)CdS Nanoparticles", J. Phys. Chem. 1996, Vol. 100, No. 21, 1996 American Chemical Society, pp. 8927-8939
	Hyeon-Chan Youn et al., "Dihexadecyl Phosphate, Vesicle-Stabilized and in Situ Generated Mixed CdS and ZnS Semiconductor Particles, Preparation and Utilization for Photosensitized Charge Separation and Hydrogen Generation", J. Phys. Chem. 1988, Vol. 92, No. 22, 1988 American Chemical Society, pp. 6320-6327
	A. R. Kortan et al., "Nucleation and Growth of CdSe on ZnS Quantum Crystallite Seeds, and Vice Versa, in Inverse Micelle Media", J. Phys. Chem. 1990, Vol. 112, No. 4, 1990 American Chemical Society, pp. 1327-1332
	B. O. Dabbousi et al., (CdSe) ZnS Core-Shell Quantum Dots: Synthesis and Characterization of a Size Series of Highly Luminescent Nanocrystallites", J. Phys. Chem. 1997, Vol. 101, No. 46, 1997 American Chemical Society, pp. 9463-9475
	Lubomir Spanhel et al., "Photochemistry of Colloidal Semiconductors, 20. Surface Modification and Stability of Strong Luminescing CdS Particles" J. Phys. Chem. 1987, Vol. 109, No. 19, 1987 American Chemical Society, pp. 5649-5655
	A.P. Alivisatos, "Perspectives on the Physical Chemistry of Semiconductor Nanocrystals", J. Phys. Chem. 1996, Vol. 100, No. 31, 1996 American Chemical Society, pp. 13226-13239
	Hedi Mattoussi et al., "Self-Assembly of CdSe-ZnS Quantum Dot Bioconjugates Using an Engineered Recombinant Protein", J. Phys. Chem. 2000, Vol. 122, No. 49, 2000 American Chemical Society, pp. 12142-12150
	AUGUST 18, 2005

PTO1449





Form PTO 1449	ATTY. DOCKET NUMBER HIRA.0117	SERIAL NUMBER 10/622,651
U.S. Department of Patent and Trademark Office	APPLICANT SATO et al	
Information Disclosure Statement by Applicant	FILING DATE July 21, 2003	GROUP 2823



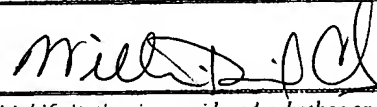
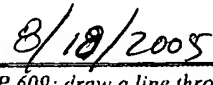
## U.S. Patent Documents

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	6,319,426 B1	11/20/01	Bawendi et al			09/17/99

## Foreign Patent Documents

Examiner Initial	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	No
	WO 01/61045 A1	02/16/01	PCT			X	
	WO 01/42489 A1	12/08/00	PCT			X	

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

	Kerry P. McNamara and Zeev Rosenzweig, "Dye-Encapsulating Liposomes as Fluorescence-Based Oxygen Nanosensors", Anal. Chem., Vol. 70, No. 22, November 15, 1998, p. 4853-4859
	Dubertret et al., "In Vivo Imaging of Quantum Dots Encapsulated in Phospholipid Micelles", SCIENCE, Vol. 298, November 29, 2002, pp. 1759-1762
	European Search Report dated 10/13/03
EXAMINER 	DATE CONSIDERED 
Examiner: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

PTO 1449